

DERWENT-ACC-NO: 1991-041095
DERWENT-WEEK: 199106
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TITLE: Highly damping rubber compsn. - contg. e.g.
styrene-butadiene rubber
and carbon black

PATENT-ASSIGNEE: TOYO RUBBER IND CO LTD[TOYF]

PRIORITY-DATA: 1989JP-0130694 (May 23, 1989)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	
PAGES	MAIN-IPC		
JP 02308835 A	December 21, 1990	N/A	000
N/A			

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP02308835A	N/A	1989JP-0130694
May 23, 1989		

INT-CL_(IPC): C08L021/00; C08L023/26 ; C08L071/02

ABSTRACTED-PUB-NO: JP02308835A

BASIC-ABSTRACT: Rubber compsn. comprises a rubber component and carbon black, where (a) content of styrene-butadiene-rubber which contains bonded styrene is 10-52% and mol.wt. is 5×10^3 - 2×10^5 , (b) content of carbon black is 15-50 pts.wt. (whose iodine adsorbing specific surface area (IA) is 20-100 mg/g and DBP value is 50-120 cm³) per 100 of the rubber compsn., and (c)

tan-delta of the compsn. is at least 0.25.

The rubber component is pref. a low mol.wt. rubber. Crosslinked segment and uncrosslinked segment can be supplemented by the admixed presence of rubber components which gives high damping and vibration proofness.

ADVANTAGE - Prod. requires no dampers, giving reduced work period and cost.

Prod. gives high loss characteristics without impairing the low

creep
characteristics, low temp. dependency, and resistance to damage.

CHOSEN-DRAWING: Dwg. 0/0

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